

## **Additional Information Related to DMR Data for Outfall 010**

### ***Analytical Results for Samples Collected from the Toe Drain Portion of Outfall 010***

The discharge from Outfall 010 consists of two components: stormwater runoff and the toe drain associated with Ash Pond D. These components enter the infrastructure associated with Outfall 010 at distinct locations, mix, and the combined flow passes under Possum Point road and discharges to the unnamed tributary to Quantico Creek. On December 14 and 18, 2015, duplicate samples of the toe drain portion of the discharge were collected at the point where the toe drain enters the collection system, prior to mixing with any stormwater. These samples were analyzed for the constituents for which DEQ had proposed monitoring in the draft VPDES permit. The results of these samples were provided to DEQ by email on January 6, 2016, and are attached.

Results for the two sets of toe drain samples are remarkably similar, indicating very little temporal variability in the characteristics of this portion of the Outfall 010 discharge. In addition, the concentrations of all measured parameters are well below the newly established VPDES limits and applicable water quality criteria, and are within the range of values measured in background groundwater samples at Possum Point.

### ***Samples Collected from Outfall 010 on January 21, 2016***

Samples reported with this DMR were collected from Outfall 010 on January 21, 2016, following the initial snowfall associated with a major winter storm event. The samples were collected at the point just prior to the discharge entering the unnamed tributary to Quantico Creek.

### ***Path Forward***

Dominion is undertaking efforts to stop all discharge from Outfall 010 and expects to complete this process before February 13, 2016. These efforts include installing a 72" inflated plug at the outlet of the 72" pipe. This plug will seal off any water movement out of the pipe. Pumps will be placed in the drop inlet feeding the 72" pipe to remove storm water and toe drain waters. The pump discharge will be routed to D Pond.